

Recombinant Human Eukaryotic Translation Initiation Factor 4E Binding Protein 2, His-tagged

Cat. No. EIF4EBP2-2910H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF4EBP2 protein was expressed in E.coli with His-tag at the N-terminus. The molecular weight is 12939 Da.
Species	Human
Source	E.coli
Description	EIF4EBP2, also known as PHASII, is one member of the eukaryotic translation initiation factor 4E binding protein family. EIF4EBP2 regulates eIF4E activity by preventing its assembly into the EIF4F complex. It mediates the regulation of protein translation by hormones, growth factors and other stimuli that signal through the MAP kinase pathway. Nonphosphorylated EIF4EBP2 interacts with EIF4E.
Sequences of amino acids	1-120 aa
Formulation	10 mM Tris. pH 8.0. 0.002% NaN ₃ . 3mM NaCl. 2.5mM Imidazole.
Purity	95%

GENE INFORMATION

Gene Name	EIF4EBP2 eukaryotic translation initiation factor 4E binding protein 2 [Homo sapiens]
Synonyms	4EBP2; PHASII; EIF4EBP2; eukaryotic translation initiation factor 4E-binding protein

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	2; 4E-BP2; eIF4E-binding protein 2; phosphorylated, heat and acid stable regulated by insulin protein II
Gene ID	1979
mRNA Refseq	NM_004096
Protein Refseq	NP_004087
MIM	602224
UniProt ID	Q13542
Chromosome Location	10q21-q22
Function	eukaryotic initiation factor 4E binding; protein binding

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